What is claimed is:

1.   A method of playing back data on a storage medium, the method comprising:

reading audio data and catalog information corresponding to the audio data, wherein the catalog information includes common catalog data for information commonly applied for the entire audio data recorded on the storage medium and title catalog data having information corresponding to each distinct item of the audio data; and

playing back the audio data, the common catalog data and the title catalog data read from the storage medium.

2.   The method of claim 1, wherein the storage medium has an audio region for the audio data which includes an audio data recording region in which the audio data is recorded and an audio information recording region for the entire audio data and/or audio data in units of distinct items of the audio data, in which catalog playback information for playing back the audio data in relation to the catalog information is stored.

3.   The method of claim 1, wherein the storage medium has an audio data recording region in which the audio data is recorded and an image information region in which the catalog information is recorded.

4.   The method of claim 3, wherein the storage medium has catalog playback information for playing back the audio data in relation to the catalog information, and the catalog playback information includes information on a location of the image information region in which the catalog information is recorded.

5.   The method of claim 4, wherein the catalog playback information further includes a file identifier and an auto presentation information table determining a location of the catalog information to be played back corresponding to a predetermined time in accordance with real-time playback information of audio obtained from the audio data during real-time playing back.

6.   The method of claim 5, wherein the playing back of the common catalog information and the title catalog information comprises playing back the common catalog information and the title catalog information according to a predetermined sequence stored in the auto presentation information table.

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7.   The method of claim 1, wherein the playing back of the common catalog information and the title catalog information comprises:

receiving a selection of a user; and

playing back the common catalog information and the title catalog information according to the selection of the user.

8.   The method of claim 7, wherein the playing back of the common catalog information and the title catalog information comprises:

preferentially playing back the common catalog information and the title catalog information selected by the user; and

playing back the common catalog information and the title catalog information satisfying a predetermined condition.

9.   The method of claim 8, wherein the predetermined condition is a case of the user not selecting making the selection of the common catalog information and the title catalog information for a predetermined amount of time or setting a catalog auto presentation mode.

10.   The method of claim 1, wherein the playing back of the common catalog information and the title catalog information is performed simultaneously with the playing back of the audio data.

11.   The method of claim 10, further comprising storing the common catalog information and the title catalog information prior to the playing back of the common catalog information, the title catalog information, and the audio data.

12.   A method of recording data on a storage medium, comprising:

encoding audio data and catalog information related to the audio data, wherein the catalog information includes common catalog data for information commonly applied for the entire audio data recorded on the storage medium and title catalog data having information corresponding to each distinct item of the audio data; and

recording the encoded audio data, and the encoded common catalog information and the title catalog information on the storage medium.

13.   The method according to claim 12, further comprising defining file names of the common catalog information and the title catalog information for storage on the storage

medium, defining a region of the storage medium predetermined by a physical or logical address designated as a space for storing catalog playback information, or defining information indicating whether a file exists on the storage medium in which the catalog playback information is stored and a location of the file in a volume information region of the storage medium, wherein the catalog playback information is for playing back the audio data in relation to the catalog information.

14.   The method according to claim 12, wherein the encoding of the catalog information comprises:

encoding video data representing an image which is a still picture relating to the audio data and additional information which represents a sub-picture for transferring characters; and

storing the encoded video data and the encoded additional data on the storage medium.

15.   The method according to claim 12, wherein the encoding comprises encoding the common catalog information and the title catalog information according a standard digital versatile disk-video (DVD-video) specification.

16.   The method according to claim 13, wherein the recording comprises recording the common catalog information and the title catalog information in an image information region of a volume space of the storage medium, wherein the method further comprises recording the catalog playback information in an audio management region of the audio region and the distinct items of the audio data in respective audio title sets of the audio region.

17.   The method according to claim 16, wherein the recording of the common catalog information and the title catalog information comprises recording the common catalog information and the title catalog information in an image title set of the image information region, and the optical pickup records the catalog playback information in an audio management region of the audio region and the distinct items of the audio data in respective audio title sets of the audio region.

18.   The method according to claim 17, further comprising dividing the title catalog information in distinct title catalog information corresponding to the respective ones of the

distinct items of the audio data, wherein the recording further comprises recording the distinct title catalog information into respective program chains of the image title set.

19.   The method according to claim 13, wherein the catalog playback information comprises locations of image information in which the catalog information is recorded, a file identifier, and an auto presentation information table in which is stored the locations of one item of the catalog information to be played back corresponding to a predetermined time according to real-time playback information of the audio data obtained by real-time playback of the audio data.

20.   The method according to claim 13, wherein the catalog playback information comprises locations of image information in which the catalog information is recorded, a file identifier, and an auto presentation information table in which is stored the locations of one item of the catalog information to be played back corresponding to a predetermined time according to real-time playback information of the audio data obtained by real-time playback of the audio data, the file identifier comprises a plurality of program chain numbers corresponding to the program chains of common catalog information and the title catalog information, catalog pointers pointing to locations on the storage medium of the program chains, and the auto presentation table has playback time information which appropriately and automatically plays back the catalog information, using the real-time playback information obtained from the audio data while each recorded item of the title catalog information is played back, and information on the playback location of the catalog information, so that the auto presentation information table has information on still pictures and sub-pictures to be played back within the catalog information when a user has not input commands while one item of the title catalog information is played back.

21.   A method of playing back data recorded on a storage medium the method comprising:
    reading encoded audio data, and reading encoded catalog information related to the audio data, wherein the encoded audio data and the encoded catalog information are stored on the storage medium, wherein the catalog information includes common catalog data for information commonly applied for the entire audio data recorded on the storage medium and title catalog data having information corresponding to each distinct item of the audio data; and
    decoding the encoded audio data and the encoded common catalog data and title catalog data read from the storage medium.

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22. The method according to claim 21, further comprising:

storing the read encoded common catalog data and title catalog data prior to reading the encoded audio data from the storage medium.

23. The method according to claim 21, further comprising:

storing the common catalog data and one title of the title catalog data before reading a corresponding title of the encoded audio data.

24. The method according to claim 23, further comprising:

controlling playback of the common catalog data and the title of the title catalog data according to a selection of a user.